



**Montana Veterinary Diagnostic Laboratory**  
1911 W Lincoln, Bozeman, MT 59718 Phone 406-994-4885 Fax 406-994-6344  
Email: [livdiagnosticiab@mt.gov](mailto:livdiagnosticiab@mt.gov) Website: [www.liv.mt.gov/lab](http://www.liv.mt.gov/lab)  
**Salmonella Enteritidis (SE) Sample Submission Form**

**Lab Use Only:**

Accession #: \_\_\_\_\_ Number of Samples: \_\_\_\_\_  
Received @ MVDL Date/Time/By: \_\_\_\_\_ Carrier: \_\_\_\_\_  
Received in Section/Date/Time/Tech: \_\_\_\_\_  
Specimen Condition Acceptable: \_\_\_\_\_

☐ Yes ☐ No; Reason/Initials: \_\_\_\_\_

Owner/Submitter: \_\_\_\_\_

Billing Address: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Fax: \_\_\_\_\_

Other: \_\_\_\_\_

Ranch/Collection Site: \_\_\_\_\_

Collection Date/Time: \_\_\_\_\_

Sampled By *(please print)*: \_\_\_\_\_

Sampled By *(signature)*: \_\_\_\_\_

Number/Type Specimens: \_\_\_\_\_

Flock ID: \_\_\_\_\_

House/Barn ID: \_\_\_\_\_

Copy of Report To: ☐ Colony ☐ Wilcox Farms ☐ Other: \_\_\_\_\_

☐ Fax ☐ Email ☐ Other: \_\_\_\_\_

Fax/Email/#: \_\_\_\_\_

Sample Profile: ☐ Chick Papers

☐ Pre-Market ☐ ~30 Days

☐ Pre-Production ☐ Weeks: \_\_\_\_\_

☐ Mid-Production ☐ Weeks: \_\_\_\_\_

☐ Post Molt ☐ Weeks: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Sample ID Number:

Lab Use Only:

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

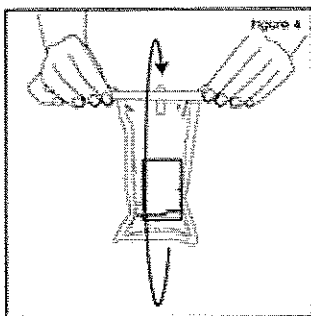
12.

## Montana Veterinary Diagnostic Laboratory Protocol for Salmonella Submissions from Poultry Houses

Environmental testing from poultry houses is used to verify that an on-farm egg safety program is functioning in the reduction of *Salmonella enteritidis* (SE) in laying hen houses; thereby reducing the number of SE contaminated eggs. Environmental testing is also used in hen houses that have been implicated in foodborne SE outbreaks.

### Packaging & Handling of SE Samples:

1. Make sure each swab pad is placed in a separate Whirl-Pak™ bag with sufficient evaporated milk to keep pad wet (no more than 1 tablespoon). Do **NOT** use sandwich baggies.



Rip top perforation off of bag.

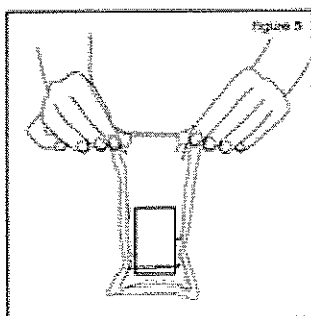
Place swab in bag.

Express excess air from the bag.

Pull the ends of the wire to close the bag.

Holding the bag by the wire ends, whirl the bag three complete revolutions to form a leakproof seal.

NOTE: Whirling the bag will form the tightest seal. Larger bags can be closed by folding the tab over as tightly as possible. (See Figure 4)



Bend the wire ends over the bag to secure the seal.

2. Place each sample bag in a separate gallon Ziploc® freezer bag and close securely.
3. Make sure that the outsides of all bags are clean, dry and clearly labeled with indelible marker to correspond with the SE submission form.
4. Complete MVDL SE Sample Submission Form; place completed paperwork in a separate Ziploc® bag so it will not get wet/contaminated if specimens leak.
5. Samples **MUST** be kept cool (40 to 45°F) prior to shipping.

### Shipment & Receipt of SE Samples:

1. Ideally, samples should be shipped the same day as collection and received at the laboratory within 48 hours from collection.
2. Preferred sampling & shipping days are Monday and Tuesday for best turnaround time. If chick paper collection date is a Friday, refrigerate samples and ship on Monday.
3. Place samples in an insulated shipping container with frozen gel packs to keep the samples cool (40-45°F) during shipment, but not frozen (account for the weather when determining how many gel packs to use in transport).
4. Send samples to: MVDL 1911 W Lincoln Bozeman, MT 59771 by **priority overnight delivery (Fed Ex or UPS)**.
5. Do **NOT** ship samples on Friday or weekends.
6. Notify MVDL with date of shipping and number of samples. 406-994-4885.
7. When samples are received, they will be checked with paperwork for proper identification.
8. Sample condition (temperature and length of time in transit) will be assessed for testing acceptability.
9. Questionable samples may not be tested; the owner/ submitter will be notified.

### Testing SE Samples:

1. Chick papers and pre-market drag swabs are tested by PCR SE. Pre-production, mid-production and post-molt drag swabs are will be tested by culture for Group D Salmonella.
2. Specimens that are positive by the PCR method will be cultured to verify result.